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A. CLASSI IPC 7	FICATION OF SUBJECT MATTER B07C5/342 B07B9/00			
According to	o International Patent Classification (IPC) or to both national classifica-	ation and IPC		
	SEARCHED			
1PC 7	cumentation searched (classification system followed by classification B07B B07C			
	tion searched other than minimum documentation to the extent that s			
EPO-In	ata base consulted during the international search (name of data ba ternal	se and, where practical, searc	h terms used)	
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the rel	evant passages	· Relevant to claim No.	
Y	WO 99 37412 A (SVANTE BJÖRK AB ET 29 July 1999 (1999-07-29)	TAL)	1,8, 10-15	
l _A	cited in the application		16 24 25	
''	abstract		16,24,25	
	page 1, line 4 -page 2, line 8			
	page 5, line 7 -page 8, line 6 page 9, line 17 - line 20; figure	.		
ļ	page 9, Time 17 - Time 20; Tigure	28		
	-	-/		
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			·	
	her documents are listed in the continuation of box C.	X Patent family member	ers are listed in annex.	
° Special ca	tegories of cited documents:	"T" later document published	after the International filing date	
"A" docume consid	conflict with the application but rinciple or theory underlying the			
"E" earlier o	evance; the claimed invention			
"L" docume	ent which may throw doubts on priority claim(s) or	vel or cannot be considered to when the document is taken alone		
citation	is cited to establish the publication date of another in or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or	"Y" document of particular rele cannot be considered to	involve an inventive step when the	
otner r	ith one or more other such docu- being obvious to a person skilled			
"P" docume later th	same patent family			
Date of the	actual completion of the International search	Date of mailing of the inte	emational search report	
1	9 March 2004	29/03/2004		
Name and n	nalling address of the ISA European Patent Office, P.B. 5818 Patentiaan 2	Authorized officer		
	NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo ni.			
	Fax: (+31-70) 340-2040, 1x: 31 651 epo ni,	van der Zee, W		

1



C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	GB 2 033 881 A (GUNSON'S SORTEX LIMITED) 29 May 1980 (1980-05-29)	16,17, 23,24 1,8, 10-15, 18-20,25
Α	abstract page 1, line 5 - line 9 page 1, line 103 -page 2, line 17 page 2, line 62 - line 86 page 2, line 101 - line 112 page 2, line 129 -page 3, line 18; figures	9
Υ	US 2003/127366 A1 (IKEDA ET AL) 10 July 2003 (2003-07-10)	18,20
A		1-3,5, 11-13, 16,24-26
	abstract paragraph '0003! — paragraph '0005! paragraph '0008! paragraph '0020! — paragraph '0025!; figures	
Y A	US 5 071 541 A (THOMPSON) 10 December 1991 (1991-12-10)	19 1,2,4,5, 8,10,16, 18,23,
	abstract column 1, line 6 — line 17 column 1, line 66 —column 2, line 29 column 3, line 48 —column 4, line 26; figures	25,26
Υ	US 4 631 124 A (PAULSON) 23 December 1986 (1986-12-23)	25
A	cited in the application the whole document	1,8-10, 14,16,23
A	US 6 355 897 B1 (BJÖRK) 12 March 2002 (2002-03-12) cited in the application abstract column 1, line 5 - line 44 column 2, line 43 -column 3, line 32 column 4, line 18 -column 5, line 30;	1,11-16, 24,25
	figures 1,2/	

1

Intertional Application No PCT/US 03/22547

		PC1/US 03/	22347
C.(Continu Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages		Colourat to alst— No
	or occument, with interestion, where appropriate, or the relevant passages		Relevant to claim No.
A	EP 0 705 650 A (SATAKE CORPORATION) 10 April 1996 (1996-04-10) cited in the application abstract column 1, line 5 - line 58 column 4, line 49 - line 52 column 6, line 29 - line 32 column 7, line 32 - line 47 column 8, line 17 -column 9, line 4 column 10, line 26 - line 53; figures		1,2,5, 11-13, 16,18, 24-26

nformation on patent family members

Internal Application No PCT/US 03/22547

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 9937412	A	29-07-1999	SE EP SE WO US	513476 (1045734 / 9800030 / 9937412 / 6639167 E	A1 A A1	18-09-2000 25-10-2000 10-07-1999 29-07-1999 28-10-2003
GB 2033881	Α	29-05-1980	NONE			
US 2003127366	A1	10-07-2003	JP CN GB	2003170122 / 1422701 / 2384450 /	A	17-06-2003 11-06-2003 30-07-2003
US 5071541	·A	10-12-1991	NONE			
US 4631124	Α	23-12-1986	NONE			. — W P. P. P. S.
US 6355897	B1	12-03-2002	WO DE DE EP JP	9929442 / 69711944 69711944 1034048 / 2001525252	D1 T2 A1	17-06-1999 16-05-2002 21-11-2002 13-09-2000 11-12-2001
EP 0705650	A	10-04-1996	JP JP AU CN DE DE EP ES KR US	675617 3173395 1123717 69524181 69524181 0705650 2169099	A B2 A A ,B D1 T2 A2 T3 B1	15-04-2002 30-04-1996 06-02-1997 18-04-1996 05-06-1996 10-01-2002 29-05-2002 10-04-1996 01-07-2002 16-11-1998 23-09-1997